IN THE CLAIMS

Please amend the claims as follows:

Claims 1-8 (Canceled).

Claim 9 (New): A process for the use of aqueous microcapsule dispersions with latent heat storage materials as capsule core and a polymer as shell, which are obtained by heating an oil-in-water emulsion in which the monomers, free radical initiators and the latent heat storage materials are present as a disperse phase, wherein the monomer mixture comprises:

- 30 to 95% by weight, based on the total weight of the monomers, of one or more monomers I selected from the group consisting of C_1–C_{24} alkyl esters of acrylic acid and methacrylic acid, methacrylic acid and methacrylonitrile;
- 5 to 80% by weight, based on the total weight of the monomers, of a bi- or polyfunctional monomer II, which is insoluble or sparingly soluble in water; and
- 0 to 40% by weight, based on the total weight of the monomers, of other monomers III,

as heat transfer liquids.

Claim 10 (New): The process for the use of aqueous microcapsule dispersions according to claim 9, wherein the average particle size of the microcapsules is 0.5 to 100 μm.

Claim 11 (New): The process for the use of aqueous microcapsule dispersions according to claim 9, wherein the latent heat storage materials are lipophilic substances which have their solid/liquid phase transition in the temperature range from -20 to 120°C.

Claim 12 (New): The process for the use of aqueous microcapsule dispersions according to claim 9, wherein the polymer is a highly crosslinked methacrylic ester polymer.

Claim 13 (New): The process for the use of aqueous microcapsule dispersions according to claim 9, wherein the oil-in-water emulsion comprises inorganic solid particles with an average size of from 0.005 to 1 μm.

Claim 14 (New): The process for the use of aqueous microcapsule dispersions according to claim 9 as heat transfer liquid in a system comprising a heat-absorbing section and a section which gives off the heat, between which the heat transfer liquid is circulated, and if appropriate a pump to transport the heat transfer liquid.

Claim 15 (New): The process for the use of aqueous microcapsule dispersions according to claim 9 as heat transfer liquid in a static system.

Claim 16 (New): The process for the use of aqueous microcapsule dispersions according to claim 9 as heat transfer liquid, in systems selected from the group consisting of heating and cooling system for buildings, heating and cooling system for automobiles, solar installations, chilling and freezing devices, industrial heat exchangers, cooling for computers and electronics, personal comfort systems, and microclimate heating and cooling systems.